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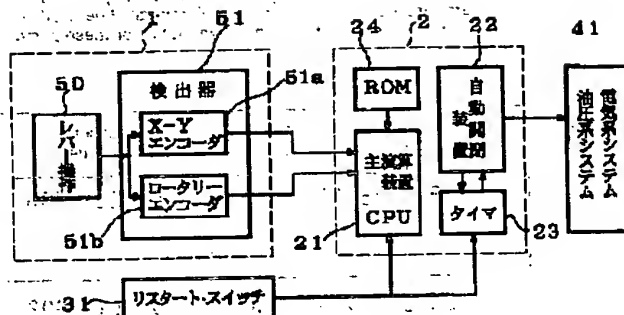
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APPLICANT : AICHI CORP;

INVENTOR : FUEKI YUJI;

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TITLE : SAFETY DEVICE OF JOY STICK SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To secure safety without locomotion of a bucket or the like, even when operated by mistake, by cutting off subsequent instructions and prohibiting the output to a control object, when an operation lever is not operated for a specified time.

SOLUTION: In a joy stick 1, a displacement input is detected in a detector 51 by the operation of an operation lever 50 and converted to a digital instruction signal. And a hydraulic system or an electric system is actuated by the instruction signal to control the movement of a working base or a bucket. A prohibition means 2 is provided between the joy stick 1 and the hydraulic system 41 or the like to cut off an instruction signal when instruction signals from the joy stick 1 have not been input for a specified time or more and also the operation lever 50 is set so that it is kept not to be actuated even if an operator has touched it by mistake. When starting to operate the work again, a restart switch is operated to initialize the prohibiting device.

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